

Converting Colors

XYZ(18.8168, 22.0486, 26.5566)

Have a look what the booklet for
XYZ(18.8168, 22.0486, 26.5566)
contains.

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Color

**XYZ(18.8168, 22.0486,
26.5566)**

Conversions

Conversions Part 1

Format	Color
Hex	688788
RGB	104, 135, 136
RGB Percent	41%, 53%, 53%
CMY	0.5922, 0.4706, 0.4667
CMYK	0.24, 0.01, 0.00, 0.47
HSL	182°, 13%, 47%
HSV	182°, 24%, 53%
XYZ	18.8168, 22.0486, 26.5566
YIQ	125.8450, -18.7970, -6.2610

Conversions

Conversions Part 2

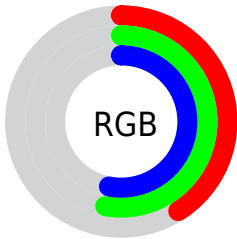
Format	Color
RYB	104, 120, 136
Decimal	6850440
CIELab	54.08, -10.65, -4.13
CIELCh	54, 11.426, 201.211
Yxy	22.0486, 0.2791, 0.3270
Android (android.graphics.Color)	4285040520 (0xFF688788)
YUV	125.8450, 5.0064, -19.1581
Hunter-Lab	46.9559, -10.6420, -0.6631

Details

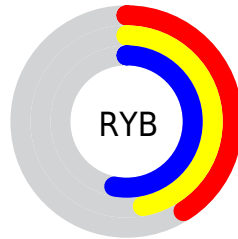
The XYZ color **18.8168, 22.0486, 26.5566** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7037, 16.3368, 15.3172**, and the grayscale version is **19.7672, 20.7966, 22.6475**.

A 20% lighter version of the original color is **40.8788, 46.7085, 55.0052**, and **6.5591, 8.0096, 10.0044** is the 20% darker color. If you saturate the color by 10%, you get **17.3049, 21.1821, 26.4694**, and if you desaturate by 10%, it is **20.5849, 23.0487, 26.6568**.

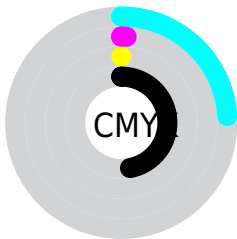
Distribution



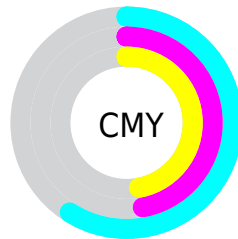
- Red (41%)
- Green (53%)
- Blue (53%)



- Red (41%)
- Yellow (47%)
- Blue (53%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (47%)



- Cyan (59%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8168, 22.0486, 26.5566 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 18.8168, 22.0486, 26.5566 by changing the saturation by 10% instead.

■ 18.8168, 22.0486,
26.5566

■ 18.8168, 22.0486,
26.5566

238.3931,
262.8000, 299.1958

■ 11.6412, 13.8926,
17.0110

■ 40.9436, 46.8263,
55.1666

■ 6.5703, 8.0460,
10.0803

■ 56.6255, 64.2168,
75.0681

■ 3.2388, 4.1244,
5.3459

■ 75.8735, 85.4543,
99.2586

■ 1.2813, 1.7434,
2.3894

■ 99.0530, 110.9231,
128.1567

■ 0.1691, 0.4515,
0.7806

126.5294,
141.0077, 162.1809

■ 0.0000, 0.0000,
0.0000

158.6679,

176.0925, 201.7498

195.8340,
216.5617, 247.2819

■ 18.8168, 22.0486,
26.5566

■ 18.8168, 22.0486,
26.5566

■ 17.3049, 21.1821,
26.4694

■ 20.5849, 23.0487,
26.6568

■ 16.0350, 20.4401,
26.3931

■ 22.6185, 24.1854,
26.7690

■ 14.9946, 19.8168,
26.3276

■ 24.9291, 25.4653,
26.8943

■ 14.1693, 19.3047,
26.2723

■ 27.5267, 26.8935,
27.0331

■ 13.5430, 18.8955,
26.2263

■ 30.4209, 28.4750,
27.1858

■ 13.0973, 18.5798,
26.1889

■ 33.6208, 30.2144,
27.3529

■ 12.8100, 18.3461,
26.1589

■ 37.1353, 32.1163,
27.5347

■ 12.6627, 18.2149,
26.1414

■ 40.9726, 34.1850,
27.7318

■ 45.1409, 36.4247,
27.9444

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.6931, 22.0486, 22.9815



18.8168, 22.0486, 26.5566



19.5018, 22.0486, 29.7168

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.8168, 22.0486, 26.5566



22.8654, 22.0486, 28.5315



21.3220, 22.0486, 17.8859

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.8168, 22.0486, 26.5566



17.7037, 16.3368, 15.3172

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



22.4819, 22.0486, 19.0802



18.8168, 22.0486, 26.5566



23.3957, 22.0486, 25.0629

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.8168, 22.0486, 26.5566



21.8288, 22.0486, 30.9327



23.2526, 22.0486, 21.6264



20.1078, 22.0486, 18.2012

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.8168, 22.0486, 26.5566



20.1999, 22.0486, 31.0494



23.2526, 22.0486, 21.6264



21.7318, 22.0486, 18.1194

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.8174, 22.0495, 26.5571



38.5062, 41.8669, 47.1000



17.0393, 21.5621, 16.5033



8.8776, 9.6736, 10.9056



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.8174, 22.0495, 26.5571



31.7530, 38.0525, 46.7197



16.8057, 18.0260, 25.8865



5.1597, 5.6623, 6.4268



11.9860, 17.2422, 24.7420



0.0816, 0.1184, 0.1650

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.4773, 16.8845, 25.1552



33.1222, 27.3937, 43.7979



19.4332, 19.7957, 15.8937



5.2272, 5.1263, 6.2850



13.5368, 6.5248, 21.1287



0.0909, 0.0437, 0.1455

Previews

White Background



This preview shows how the XYZ color 18.8168, 22.0486, 26.5566 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.8168, 22.0486, 26.5566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

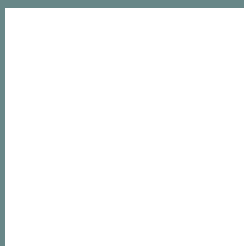
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.8168, 22.0486, 26.5566

Background



This preview shows how black text looks on a background with the XYZ color 18.8168, 22.0486, 26.5566.



This preview shows how white text looks on a background with the XYZ color 18.8168, 22.0486,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.8168, 22.0486, 26.5566

Protanopia

21.0900, 21.8501, 24.9357

Deuteranopia

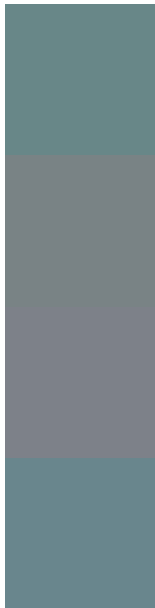
22.2376, 21.8206, 27.0845



Tritanopia

19.5030, 22.1280, 29.6288

Trichromacy



Original Color

18.8168, 22.0486, 26.5566

Protanomaly

20.2351, 21.9910, 25.3685

Deuteranomaly

20.8231, 21.8666, 26.7901

Tritanomaly

19.1585, 21.9765, 28.4314

Monochromacy



Original Color

18.8168, 22.0486, 26.5566

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.3507, 21.1638, 24.1842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8168, 22.0486, 26.5566 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(104, 135, 136)` looks like.

```
.text, #text, p{  
    color:rgb(104, 135, 136)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(104, 135, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 135, 136) }
```

Border

The CSS property to change the border of an element to XYZ 18.8168, 22.0486, 26.5566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 135, 136) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(104, 135, 136) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(104, 135, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 135, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 135, 136);  
box-shadow:4px 4px 4px 4px rgb(104, 135,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8168, 22.0486, 26.5566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 135, 136) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(104,  
135, 136) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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